

LOUTH RURAL DISTRICT COUNCIL



ANNUAL REPORT

OF THE

Medical Officer of Health

AND OF THE

Chief Public Health Inspector

& Surveyor to the Council

FOR THE YEAR

1962

TO THE CHAIRMAN AND MEMBERS OF THE
LCUTH RURAL DISTRICT COUNCIL.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my Annual Report for the year 1962.

No particular health problem presented itself during the year. Infectious Diseases caused little concern, Measles being the most prevalent disease encountered. Fewer cases were reported than last year. The more important infectious diseases are held in check by immunisation. There was a considerable increase in the numbers of persons vaccinated against smallpox, largely due to outbreaks of this disease in different parts of the country.

Lung cancer continues to cause an increasing number of deaths throughout the country. There is considerable evidence that cigarette smoking is an important factor in it's causation. It is very difficult for the confirmed smoker to give up the habit and propoganda would probably be best directed against the youth of this country in an endeavour to deter them from acquiring the habit. It is a difficult battle because of propoganda in favour of smoking which appears in the Press and on Television and gives the impression to young people that there is something manly in smoking and that it is a social asset to smoke. Smoking, to a smoker, is a pleasant habit and so is correspondingly difficult to give up. A constant campaign against smoking may in time have it's effect.

I am grateful for the valuable assistance and co-operation rendered by the Chief Public Health Inspector and his staff during the year and to the Chairman and members of the Public Health Committee for their interest in the work of the Department.

I have the honour to be,
your obedient servant,

G.R. THORPE
Medical Officer of Health.

Louth Rural District Council

1962

Chairman of the Council :

Councillor F. COXON

Vice-Chairman of the Council :

Councillor W. G. SOWBY

PUBLIC HEALTH ACTS COMMITTEE.

Chairman :

Councillor D. R. WEBB

Vice-Chairman :

Councillor C. C. TURNER

Councillor J. T. Baumber

Councillor W.G. Sowby

Councillor Mrs. M.A.E. Bickerton

Councillor Mrs. K. Stark

Councillor E.S. Brant

Councillor P.J. Stokes

Councillor Mrs. B.J. Brown

Councillor N.B. Stovin

Councillor F. Coxon

Councillor Mrs. C.V. Stubbs

Councillor A.E. Davy

Councillor J.W. Stubbs

Councillor Mrs. N.A. Forman

Councillor H. Sutcliffe

Councillor J. Ingoldby

Councillor G.L. Towler

Councillor C. Laughton

Councillor Mrs. C. Vinter

Councillor E.E. Luck

Councillor G. Wattam


Councillor H. Plaskitt

Councillor J.H.V. White

Councillor F. Rush

G. A. PITT, D.P.A., F.R.V.A.,

Clerk of the Council.



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LOUTH RURAL DISTRICT
REPORT ON THE HEALTH AND SANITARY CONDITIONS
FOR THE YEAR 1962.

Public Health Officers :

Medical Officer of Health :

G. R. THORPE, M.B., Ch.B., D.P.H.

Chief Public Health Inspector and Surveyor :

S. SHONE, M.R.S.H., M.A.P.H.I.

Deputy Chief Public Health Inspector
and Asst. Surveyor :

P. CHILD, A.R.S.H., M.A.P.H.I.

Additional Public Health Inspectors :

E. CAINES, M.R.S.H., M.A.P.H.I.

D.G.L. MONTGOMERY, A.R.S.H., M.A.P.H.I.

SECTION A

Social Conditions and General Statistics :

Area of Rural District, in acres	153,062
Registrar General's estimate of Residential population	17,594
Density of Population per acre	0.1
Number of inhabited houses at the end of 1962 ...	5,615
Rateable Value of inhabited houses	£79,832
Product of Penny Rate	£653

VITAL STATISTICS

(Note - Figures in brackets show corresponding
rates for England and Wales)

BIRTHS

(a) Live	Total	Male	Female
Legitimate	320	163	157
Illegitimate	19	7	12
	<u>339</u>	<u>170</u>	<u>169</u>

Live Birth Rate per 1,000 of estimated population 18.5

Standardised Birth Rate for Comparability purposes ...

(Comparability factor 1.14) 21.09 (18.0)

Illegitimate Live Births (per cent of total

live births) 5.6

(b) Still Births	Total	Male	Female
Legitimate	4	Nil	4
Illegitimate	Nil	Nil	Nil
	<u>4</u>	<u>Nil</u>	<u>4</u>

Still Birth Rate per 1,000 of estimated

population 0.21

Still Birth Rate per 1,000 (Live and Still)

Births 11.6 (18.1)

Total Live and Still Births :- 343

DEATHS	Total	Male	Female
	217	117	100

Crude Death Rate per 1,000 of estimated

population 11.9

Standardised Death Rate (Comparability

factor 0.93) 11.6 (11.9)

Infant Deaths	Male	Female
---------------	------	--------

(a) Under 12 months

Legitimate	6	3
Illegitimate	-	-
	<u>6</u>	<u>3</u>

Infant Mortality Rate per 1,000 Total

Live Births 26.5 (21.4)

Infant Mortality Rate per 1,000 Legitimate

Live Births 28.1

Infant Mortality Rate per 1,000 Illegitimate

Live Births Nil

(b)	Under 4 weeks	Male	Female
	Legitimate	4	2
	Illegitimate	<u>-</u>	<u>-</u>
Neo-natal Mortality Rate per 1,000			
	Total Live Births	17.7	(15.1)
(c)	Under 1 week	Male	Female
	Legitimate	4	2
	Illegitimate	<u>-</u>	<u>-</u>
		<u>4</u>	<u>2</u>
Early Neo-natal Mortality Rate per 1,000			
	Total Live Births	17.7	
Perinatal Mortality Rate (Still Births and Deaths under 1 week combined per 1,000			
	Total Live and Stillbirths) ...	29.1	(30.8)
	Maternal Deaths (including abortion)...	Nil.	

Infant Deaths - Causes and Ages at Death

	Male	Female
Pulmonary Haemorrhage	3 days	-
Gastro Enteritis	8 months	-
Congenital Disease	2 days	9 hours
Congenital Malformation	1 month	5 weeks
Prematurity	30 minutes	3 hours
Prematurity	4 hours	
	<u>6</u>	<u>3</u>

Table 1. Ages at Death for 1962

Ages in Years	0/1	1/5	5/15	15/25	25/35	35/45	45/55	55/65	65/75	75+	Total
Deaths	9	1	2	4	2	10	8	32	52	97	217

Table 2. Table showing ages at death during the past 5 years and the averages for that period compared with those for 1961.

Year	0/1	1/5	5/15	15/25	25/35	35/45	45/55	55/65	65/75	75+	Total
1961	9	2	3	2	2	-	10	24	53	98	203
1960	11	1	4	2	-	4	13	22	54	103	214
1959	5	2	3	5	2	7	7	23	51	110	215
1958	8	-	-	2	1	5	10	23	44	101	194
1957	7	1	1	4	-	7	9	19	52	101	201
Average	8.0	1.2	2.2	3.0	1.0	4.6	9.8	22.2	50.8	102.6	205.4
1962	9	1	2	4	2	10	8	32	52	97	217

Table 3. Malignant Tumours

Site	Male	Female	Total
Stomach	2	1	3
Lung	7	-	7
Breast	-	6	6
Uterus	-	2	2
Other	12	15	27
Total	21	24	45

Table 4. Causes of Death

	Male	Female
1. Tuberculosis of respiratory system	1	-
2. Tuberculosis of non-respiratory system	-	-
3. Syphilitic disease	1	-
4. Meningococcal infections	-	-
5. Measles	-	-
6. Other infective and parasitic diseases	-	-
7. Malignant Neoplasm - Stomach	2	1
8. Malignant Neoplasm - Lung, bronchus	7	-
9. Malignant Neoplasm - Breast	-	6
10. Malignant Neoplasm - Uterus	-	2
11. Other Malignant and Lymphatic Neoplasms	12	15
12. Leukaemia, aleukaemia	-	1
13. Diabetes	-	3
14. Vascular Lesions of nervous system	12	16
15. Coronary disease, angina	24	13
16. Hypertension with Heart disease	4	3
17. Other heart disease	14	7
18. Other circulatory disease	7	13
19. Influenza	1	1
20. Pneumonia	1	3
21. Bronchitis	3	2
22. Other diseases of respiratory system	1	3
23. Ulcer of stomach and duodenum	2	-
24. Gastritis, enteritis and diarrhoea	2	-
25. Nephritis and nephrosis	1	1
26. Hyperplasia of Prostate	1	-
27. Congenital Malformations	1	2
28. Other defined and ill-defined diseases	12	5
29. Motor Vehicle Accidents	4	-
30. All other accidents	4	2
31. Suicide	-	1
32. Homicide	-	-
	<hr/> 117	<hr/> 100

BIRTHS AND DEATHS.

During 1962, 24 more births were registered than in 1961. The standardised birth rate was higher than that of England and Wales. There were 4 Still Births 2 less than in 1961.

Deaths during the year totalled 217. This figure was 14 more than in 1961. Deaths of infants under 1 year of age remained the same as in 1961 - namely, 9 deaths. Causes of these deaths are given in the Table.

Malignant Disease accounted for 45 deaths. In 1961 the figure was 33 and in 1960 it was 46. Of these deaths, Lung Cancer accounted for 7 deaths.

Deaths from this disease are steadily rising and causing some concern throughout the country. It would appear that there is considerable evidence that cigarette smoking is an important factor in its causation and efforts are being made to discourage the habit especially in young persons.

One death occurred due to Tuberculosis. No maternal deaths were recorded.

SECTION B.

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Infectious diseases other than Tuberculosis notified
during 1962, including Service cases.

Disease	Cases Notified	Cases rate per 1,000 of estimated population
Measles	39	2.16
Scarlet Fever	3	0.16
Whooping Cough	5	0.27
Pneumonia	8	0.44
Dysentery	2	0.11
Encephalitis	1	0.055
TOTAL	58	-

The rural district was comparatively free from Infectious Disease during the year. Most of the cases were due to Measles.

PROPHYLAXIS MEASURES AGAINST DIPHTHERIA, WHOOPIING COUGH, SMALLPOX AND TETANUS.

Particulars of vaccinations and immunisations carried out during 1962.

Poliomyelitis Vaccination.

Salk Vaccine

	Persons born in the years				
	62	61	60-43	42-33	Others
Had 2 injections	17	81	49	23	34

	Persons born in the years				
Had 3 injections	62	61	60-43	42-33	Others
	-	29	146	72	150

	Persons born in the years				
Had 4 injections	62	61	60-43	42-33	Others
	-	-	93	-	-

Oral Vaccine

	Persons born in the years				
Initial course of 3 oral doses	62	61	60-43	42-33	Others
	21	72	65	24	32

	Persons born in the years				
3rd oral after 2 salk injections	62	61	60-43	42-33	Others
	-	52	180	56	113

	Persons born in the years				
4th oral after 3 salk injections	62	61	60-43	42-33	Others
	-	-	351	-	-

Diphtheria Immunisation

Under five years of age at date of immunisation	Between five and fourteen years of age at date of immunisation	Boosting Doses
3	2	158

Diphtheria and Whooping Cough Immunisations

Under 1	1	2	3	4	5-9	10-14	Total
-	-	-	-	-	-	-	-

Diphtheria, Tetanus and Whooping Cough Immunisations

Under 1	1	2	3	4	5-9	10-14	Total
87	138	12	5	4	11	1	258

Diphtheria and Tetanus Immunisations

Under 1	1	2	3	4	5-9	10-14	Total
-	1	-	-	-	9	1	11

Whooping Cough Immunisations

Under 1	1	2	3	4	5-9	10-14	Total
-	-	-	-	-	-	-	-

Whooping Cough and Tetanus Immunisations

Under 1	1	2	3	4	5-9	10-14	Total
-	-	-	-	-	-	-	-

Smallpox

	Under 1	1-4	5-14	15 or over	Total
Vaccination	158	74	82	119	433
Re-vaccination	1	5	37	131	174

Tetanus

	Under 1	1-4	5-14	15 or over	Total
Vaccination	-	1	76	26	103
Booster	-	-	1	-	1

I am grateful to Dr. C.D. Cormac, the County Medical Officer of Health, for supplying the above figures relating to immunisations in the district.

With the exception of smallpox vaccination which showed a considerable increase, the figures are a little lower than last year.

Poliomyelitis vaccination is now mostly carried out by giving the dose by mouth, thus avoiding an injection. This method is simpler and more pleasant than having an injection. Figures showing doses given can be found in the Table.

Smallpox

A great increase in the number of vaccinations against smallpox is noted. Several outbreaks of the disease occurred in various parts of the country and this resulted in a sudden demand for protection against this disease. Owing to the speed of air travel it is possible for smallpox cases to develop in the country without showing signs of the disease on arrival. This causes a great deal of work in tracing and examining possible contacts of the cases and offering them vaccination.

In 1961, 201 vaccinations were carried out and in 1962, 607 vaccinations .

Tuberculosis: New Cases and Mortality during 1962.

Age Period (years)	New Cases				Deaths			
	Respiratory		Non Respiratory		Respiratory		Non Respiratory	
	M	F	M	F	M	F	M	F
0 ...								
1 ...		1						
5 ...								
15 ...	1							
25 ...								
35 ...		1						
45 ...		1						
55 ...								
65+ ..	1	1	1				1	
Totals	2	4	1	-	-	-	1	-

SECTION C

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA

Laboratory Facilities.

Dr. J.M. Croll of the Public Health Laboratory Service, Lincoln, renders valuable assistance by examining and reporting on the various samples which are sent to him. I should like to express my appreciation of his help during the past year.

Clinics and Welfare Centres.

The Clinic and Welfare Services are operated by the Lindsey County Council. The Clinics are well attended and advice is given to mothers concerning the health of their babies. Immunisation is carried out and welfare foods are available.

Clinics are also held for Speech Therapy, Chiropody and Child Psychiatry.

SECTION D

ENVIRONMENTAL HEALTH SERVICES IN THE AREA

The Chief Public Health Inspector has kindly supplied a more detailed account of this section of the Health Services.

Refuse Disposal.

Disposal of refuse in a country district is often a difficult problem on account of the houses being scattered, necessitating a great deal of travelling to collect a small amount of refuse. Ideally refuse should be collected at weekly intervals in order to prevent the breeding of flies in moist refuse. The danger from flies is the contamination of foodstuffs which can cause a wide spread outbreak of food poisoning. Domestic burning of refuse is not always possible and in smokeless zones it is prohibited, so, to avoid too large an accumulation of rubbish a weekly collection is indicated.

Housing.

One of the chief concerns of the Health Department is that of housing. With an increasing proportion of elderly persons among the population the necessity to provide suitable accommodation for such persons arises. Groups of flats, in bungalow form, supervised by a resident warden, appears to be very satisfactory. Some difficulty is experienced in persuading elderly persons to leave their previous home where perhaps their whole life has been spent and to move to a more modern home in strange surroundings but once the move has been made they appear very happy in their new surroundings.

Food Inspection.

A constant watch is kept on foodstuffs, by meat inspection and sampling foods. Little cause for complaint has arisen and co-operation from those concerned is very

helpful. In retail shops contamination by flies and in some instances by dogs is always a danger. Too often food is displayed uncovered and so liable to become infested by dust and flies. Prepacking of foods does help to eliminate this danger. Deep freeze units help to keep food fresh but if exposed to the atmosphere contamination is still possible. Units should be defrosted and sterilised at regular intervals.

Nuisances.

There is little industry in the rural district but occasionally complaints are received regarding obnoxious odours and deposits of a chemical nature. The Health Department investigates and when necessary gives advice regarding this matter. It is not always possible to eliminate the nature of the complaint but it is ensured that all reasonable precautions are taken to avoid nuisances to the general public. The owners of such premises have always been co-operative and carry out instructions given.

To the Chairman and Members
of the Louth Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present collated details covering some of the activities engaging your technical staff during the year 1962.

The year brought increased work in most spheres and continued efforts in the improvement of dwellings with grant-aid. The number of dwellings eligible for grant is estimated at 4,069 and the completed figure of 953 (or 23.4% of the total) is a most commendable reward for the Housing Committee's patient efforts in this direction.

The Council's experiment in providing group dwellings for aged persons in need of some care and attention was realised by the completion at North Thoresby of 12 such units together with Warden's quarters. This scheme has filled a long-felt want and, after early teething troubles, is proving to be popular with the residents. In addition there was an increase in the number of dwellings completed by the Council.

The handing over of the Council's water undertaking to the newly formed Water Board did not materialise and the formal date is now agreed for 1st April, 1964.

I would take this opportunity and express my appreciation of the assistance and advice of the Council's Medical Officer of Health, Doctor G.R. Thorpe, which has been readily available at all times.

My thanks are also due to my Deputy, Mr. P. Child, and other Officers for their continued help.

Finally, Mr. Chairman, my special thanks are appropriate on this occasion to you and your Committee Chairmen for the keen interest shown in the work of the Department and to all Members of the Council for their support.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

S. SHONE.

Surveyor to the Council,
Chief Public Health Inspector.

ANNUAL REPORT
OF
CHIEF PUBLIC HEALTH INSPECTOR
AND
SURVEYOR TO THE COUNCIL

HOUSING

Council house building progress was accelerated with the completion of 33 dwellings. Included in this figure are the 12 group dwellings for the aged and Warden's flat at North Thoresby. After an initial resistance this project has proved popular and fills a need not so evident when the Council first decided to proceed.

Council house building was also proceeding at the year's end on 15 dwellings distributed over three sites.

Total number of new houses erected during the year	139
(1) By the Council	33
(2) By other Local Authorities	NIL
(3) By private enterprise	106
(4) Number allocated for replacing houses subject to Demolition Orders	33

HOUSING REPAIRS AND RENTS ACTS, 1954 - 57.

No Certificate of disrepair was issued.

INSPECTION OF DWELLING-HOUSES

(a) Total number of dwelling-houses inspected for housing defects	483
(b) Number of inspections made	526

REMEDY OF DEFECTS WITHOUT
SERVICE OF FORMAL NOTICE

Number of dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ...	84
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ACTION UNDER STATUTORY POWERS

Public Health Acts	NIL
Housing Acts	NIL

SLUM CLEARANCE - PROCEEDINGS
UNDER THE HOUSING ACTS

(a)	Number of individual unfit houses in respect of which Demolition Orders were made	...	...	...	...	...	52
(b)	Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...				22
(c)	Number of dwelling-houses subject to Closing Orders	...	...	...	...		11
(d)	Number of dwelling-houses rendered fit by Undertakings	...	...	...	...		1
(e)	Number of dwellings included in confirmed Clearance Orders	...	...	...			NIL
(f)	Number of dwellings demolished in pursuance thereof	...	...	...			NIL
(g)	Total number of dwellings on which Demolition Orders are operative and which are still occupied except under Section 34, 35 and 46, of the Housing Act, 1957.	...	...	...			67
(h)	Number of dwellings occupied under Sections 34, 35 and 46, of the Housing Act, 1957.						NIL
(i)	Houses voluntarily demolished or closed which would otherwise have been the subject of statutory action.				...		8

HOUSING ACTS - OVERCROWDING

Number of cases of overcrowding relieved
during the year NIL

The degree of overcrowding in the District
cannot be ascertained without detailed survey
but there is not considered to exist any
major problem.

HOUSING ACTS

GRANT-AIDED IMPROVEMENTS

Approved applications for "Discretionary"

Grants totalled 67 and "Standard" Grants 36.

During the year 71 "Discretionary" and 37

"Standard" Grant schemes were completed.

The Council's sustained efforts in this respect have achieved a total of 810 "Discretionary" and 143 "Standard" grant schemes completed. Combined, the figure of 953 compares very favourably with the total of 5,821 dwelling units of all kinds in the District.

CARAVANS

Further site licences have been issued following agreement with site owners on the provision of amenities etc., to the Model Standards. In all 49 site licences for a total of 530 caravans are now in being. The Council continued their efforts during the year to view sympathetically applications from H.M. Forces personnel drafted into the district.

The implementation of the Statutes controlling caravans and sites is demanding, especially during the summer months but the staff have worked well and site owners have continued to be co-operative.

FOOD PREMISES

Supervision of the production and handling of foodstuffs of various kinds have been maintained through 314 inspections. Contraventions and defects in premises have all been remedied without recourse to formal action.

Premises registered for manufacture or preparation of preserved food.	17
Premises registered for the manufacture and sale of ice cream.	4
Premises registered for the sale only of pre-packed ice-cream.	95
Bakehouses	7
Fried Fish Shops	9
Butchers Shops	11
Cafes	15
General Village Stores	93

Samples of ice cream were taken on 30 occasions,
none of the samples fell below Grade I on laboratory
analysis.

KNACKERS' YARDS

The four licensed premises continue to be well
maintained and operated; at only one is slaughtering
carried on.

NUISANCES

ABATED INFORMALLY

Refuse	15
Foul ditches etc.	65
Drainage	53
Fowls, pigs and other animals	20
Dangerous premises	7
Miscellaneous	28

188

MEAT INSPECTIONDETAILS OF CARCASES INSPECTED 1962

	Cattle excluding Cows	Sheep and Lambs	Pigs
Number Killed (if known)	87	198	40
Number inspected	87	198	40
All diseases except Tuberculosis and Cysticerci			
Whole carcases condemned	-	-	-
Carcases of which some part or organ was condemned	3	4	1
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	3.45%	2.02%	2.5%
Tuberculosis only			
Whole carcases condemned	-	-	-
Carcases of which some part or organ was condemned	1	-	-
Percentage of the number inspected affected with tuberculosis	1.15%	-	-
Cysticercosis			
Carcases of which some part or organ was condemned	3	-	-
Carcases submitted to treatment by refrigeration	3	-	-
Generalised and totally condemned	-	-	-

The one licensed premises is operated on excellent lines and there has been no occasion for any proceedings against the owner/occupier.

FACTORIES ACTS 1937 TO 1959

(1) INSPECTIONS

PREMISES	Number on Register	Inspections	Written Notices	Occupiers Prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	2	4	-	-
Factories not included in above, in which Section 7 is enforced by the Local Authority.	53	62	-	-
Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	3	-	-	-
TOTAL ...	58	66	-	-

(2) CASES IN WHICH DEFECTS WERE FOUND

	Found	Remo- died	Referred to H.M. Inspector	Referred by H.M. Inspector	Number of cases in which prose- cutions were instituted
Want of Cleanliness (S.1)	2	2	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	2	2	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	4	4	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including out-workers)	-	-	-	-	-
TOTAL ...	8	8	-	-	-

DRAINAGE

Number of houses with privy vaults	-	236
Number of houses with pail closets	-	1327
Number of houses with water closets	-	4258
Number of conversions to water carriage system	-	161

SEWERAGE

Progress was satisfactory on the sewerage and construction of disposal work at Marshchapel and North Cotes and Legbourne and Little Cawthorpe. Extensions to sewers and disposal works were completed in the village of Tetney; and extensions to sewers in North Thoresby.

Overloading of disposal works is evident at Tetney, Binbrook, Holton-le-Clay, North Thoresby and Manby. At the close of the year the Council were pursuing this matter.

Documents were put in hand for the sewerage of Withern, Aby, Donington-on-Bain, North Thoresby (East End), Grainthorpe, Utterby and Fotherby; also extension to sewers at the North End of Grimoldby.

At the close of the year a start on the sewerage of North Somercotes was imminent (at the time of writing this Report the works here are 50% complete).

CESSPOOL EMPTYING

The increasing demand for this service (in which the Council provide one free emptying per annum) persists and at the year end it was becoming evident that the maintenance of the present position, wherein all demands are met, will not be possible should the trend continue. In this connection it is interesting to note an increase of more than 200 emptyings compared with 1960 and 100 more than 1961.

During the year 898 cesspools etc., were emptied and at no time was the list of those waiting extinguished; in the period 27 cesspools were abolished.

WATER SUPPLIES

In accordance with Ministry of Health Circular 1/62 dated 18th January, 1962, details of water supplies are as required in paragraph 4.

- (a) The water supply of the District has been at all times satisfactory in quality and quantity.
- (b) Routine sampling was carried on during the year when 310 samples were submitted for bacteriological analysis at the Public Health Laboratory, Lincoln, all these were declared to be satisfactory. I would express here my appreciation of the helpfulness at all times of Doctor J.M. Croll and his staff.

During the period 16 samples were submitted for chemical analysis to W.W. Taylor of Nottingham, each of which was of good quality read in conjunction with the bacteriological reports.

Copy sample reports by Mr. Taylor, from each of the Council's sources are reproduced:-

	<u>Grimoldby</u>	<u>Fulstow</u>	<u>Binbrook</u>
Total Solids dried 180°C.	335.00	325.00	330.00
Suspended Matter	Trace	Absent	Absent
Chlorides and chlorine	14.20	17.75	24.85
Oxidised Nitrogen as nitrate	0.41	2.88	7.42
Oxidised Nitrogen as nitrite	0.01	0.002	Absent
Free and saline Ammonia	0.012	0.004	0.004
Albuminoid Ammonia	0.004	0.004	0.004
Temporary Hardness	155.00	230.00	165.00
Permanent Hardness	0.00	0.00	59.00
Oxygen absorbed in 4 hrs. at 80° F. from N/80 KMnO ₄	0.00	0.00	0.00
pH value	7.80	7.20	7.10
Appearance	Slightly Turbid	Clear & Bright	Clear & Bright

	<u>Grimoldby</u>	<u>Fulstow</u>	<u>Binbrook</u>
Odour	Normal	Normal	Normal
Taste and Colour	Normal	Normal	Normal
Heavy Metals	Absent	Absent	Absent
Free Chlorine	Absent	Absent	Absent
Sodium Carbonate equivalent to	100.70	-	-

At the time of sampling this water was of suitable chemical quality for human consumption, domestic use and dairy purposes provided that recent bacteriological examination has proved satisfactory.

- (c) There is no plumbo-solvent action in any of the Council's water supplies.
- (d) No contamination has been detected.
- (e) The following table shows the domestic supplies given in respect of each of the 66 Parishes where mains supply is available. (In this it should be noted that the parishes of Maltby-le-Marsh and Hannah-cum-Hagnaby are included in the Mablethorpe and Sutton U.D.C. Statutory Area of supply.

PARISH	No. of Houses supplied	Direct to house	Stand Pipe	Population Supplied
Aby-with-Greenfield	56	56	-	198
Alvingham	64	64	-	176
Authorpe	45	45	-	144
Beesby	28	28	-	113
Belleau	14	14	-	63
Binbrook	253	240	13	814
Brackenboro'	2	2	-	6
Burgh-on-Bain	24	24	-	126
Burwell	34	34	-	113
Carlton Gt.	40	40	-	198
Carlton, Little	25	25	-	101
Cawthorpe, Little	42	42	-	136
Claythorpe	13	13	-	49
Cockerington, North	43	43	-	180
Cockerington, South	28	28	-	157
Conisholme	18	18	-	86
Covenham St. Bartholomew	40	40	-	145
Covenham St. Mary	21	21	-	71
Donington-on-Bain	93	93	-	375
Elkington, North	12	12	-	43
Elkington, South	71	71	-	312
Fotherby	74	74	-	228
Fulstow	92	92	-	389
Gayton-le-Marsh	39	39	-	148
Gayton-le-Wold	3	3	-	15
Grainsby	15	15	-	69
C/fwd.	1189	1176	13	4455

Cont'd.

PARISH	No. of Houses supplied	Direct to house	Stand Pipe	Population Supplied
B/fwd.	1189	1176	13	4455
Grainthorpe	115	115	-	538
Grimoldby	132	132	-	482
Grimsby, Little	3	3	-	12
Hainton	12	12	-	93
Hallington	15	15	-	55
Haugh	8	8	-	27
Haugham	22	22	-	65
Holton-le-Clay	340	340	-	1020
Keddington	20	20	-	120
Kelstern	21	21	-	79
Legbourne	128	128	-	389
Ludborough	63	63	-	196
Ludford	99	96	3	384
Maidenwell	-	-	-	-
Manby	38	38	-	111
Marshchapel	127	127	-	505
Muckton	15	15	-	71
North Cotes	90	90	-	320
Ormsby, North	23	23	-	117
Raithby-cum-Maltby	18	18	-	91
Reston, North	8	8	-	31
Reston, South	46	46	-	163
Salcby-with-Thoresthorpe	33	33	-	122
Saltfleetby All Saints	27	27	-	104
Saltfleetby St. Clements	16	16	-	91
Saltfleetby St. Peter	67	67	-	269
Skidbrooke-cum-Saltfleet	128	128	-	391
Somercotes, North	280	280	-	1188
Somercotes, South	39	39	-	264
Stenigot	22	22	-	110
Stewton	23	23	-	83
Strubby-with-Woodthorpe	34	34	-	316
Swaby	54	54	-	206
Tathwell	54	54	-	232
Tetney	316	316	-	1038
Theddlethorpe All Saints	48	48	-	213
Theddlethorpe St. Helen	130	130	-	312
Thoresby, North	257	257	-	824
Thoresby, South	27	27	-	87
Utterby	58	58	-	201
Waithe	18	18	-	49
Walnsgate	20	20	-	52
Welton-le-Wold	39	39	-	189
Willingham, South	40	40	-	180
Withcall	3	3	-	14
Withern	92	92	-	305
Wyham	11	11	-	54
Yarborough	40	40	-	170
TOTALS ...	4408	4392	16	16388

At the end of 1962, in addition to domestic properties 1,476 metered supplies and 75 others were connected to the Council's mains. The amount of water supplied for all purposes continued to increase to a total of 217,528,000 gallons.



Difficulties were encountered on the matter of handing over the Council's water undertaking to the newly formed East Lincolnshire Water Board and the formal date has now been fixed for 1st April, 1964.

REFUSE COLLECTION

This service has been maintained through a difficult period due to vehicle breakdown and, latterly, the severe weather conditions; the men concerned are to be congratulated on their efforts.

There has been little complaint regarding the service as such but there is a growing demand for a weekly collection - particularly in the Northern parishes. The Transport Sub-Committee are to look into this and report fully on the possibilities and finances of extending the service.

RODENT CONTROL

The increase in the number of infestations seen in 1961 was not continued and by the end of the year under review the rat population had reverted to more normal dimensions. The increase to 20,895 (of the estimated kill) is indicative of the degree to which 360 properties treated were affected.

PETROLEUM STORAGE

Of the 147 premises licensed for the storage of petroleum 42 are garages, etc., where the petrol is re-sold and 105 are farm premises storing petrol for use in farm vehicles.

The various Regulations are observed and regular visits made to ensure this.

TOWN AND COUNTRY PLANNING ACTS
COUNCIL BUILDING BYE-LAWS

The pressure of work under the Planning Statutes has been maintained during the year and the following table of analysis indicates the varying types of application approved by Committee either with or without conditions. In addition 37 applications were refused and the Committee Chairman approved 227 Bye-law applications and 53 Yorkshire Electricity Board cable extensions out of the Meeting.

TYPE OF DEVELOPMENT	NO.
Additions and Alterations	31
Advertisements	5
Accesses to Highways	17
Building Sites (Residential Development)	8
Council Houses	9
Cafes and additions	2
Caravan Sites and Caravans	28
Car Parks	2
Conversions to Houses	3
Change of Use	7
Deep Litter Houses	2
Ejector Stations and Pumping Stations	1
Farm Buildings	29
Fishing Ponds	2
Greenhouses	2
Hostel	1
Milking Parlour	1
New Roads and Sewers	1
Outline Applications	48
Piggeries	1
Private Houses and Bungalows	82
Public Conveniences	1
Private Garages	25
Petrol Stations and Garages	7
Schools and alterations etc.	4
Shops and alterations etc.	8
T.V. Masts	2
Storage Sheds	11
Vining Stations and alterations etc.	1
T O T A L . . .	341

In dealing with these numerous and varied applications, and the many associated queries and site meetings, the assistance of the Divisional Planning Officer of the Lindsey County Council, Mr. M.H. Ingham, has been at all times readily available. I would take this opportunity of expressing my appreciation to Mr. Ingham and his staff without whose help the period of determination of applications must have been prolonged.

